

Product Datasheet

NFkB p105/p50 Antibody - BSA Free NBP1-87758

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-87758

NFkB p105/p50 Antibody - BSA Free

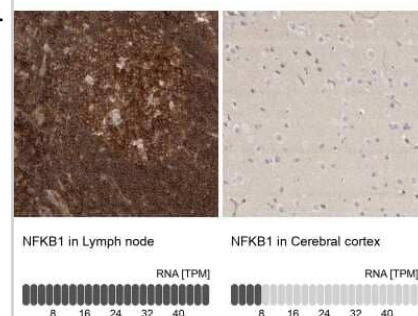
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	4790
Gene Symbol	NFKB1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GTGSTGPGYSFPHYGFPTYGGITFHPGTTKSNAGMKHGTMDTESKKDPEGCD KSDDKNTVNLFGKVIETTEQDQEPSEATVGNGEVTLTYATGTKEESAGVQDNL FLEKAMQLAKRHANALFDYAVTGDVKMLLAVQRHLTAV

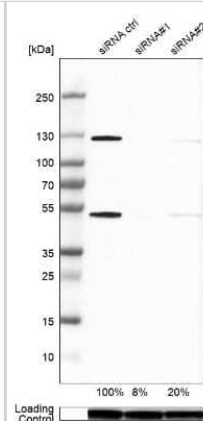
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

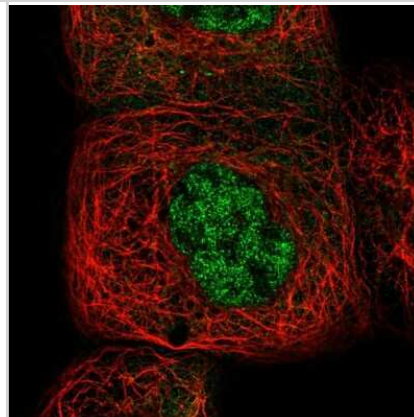
Immunohistochemistry-Paraffin: NFkB p105/p50 Antibody [NBP1-87758] - Staining in human lymph node and cerebral cortex tissues using NBP1-87758 antibody. Corresponding NFKB1 RNA-seq data are presented for the same tissues.



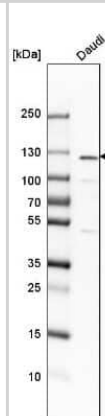
Western Blot: NFkB p105/p50 Antibody [NBP1-87758] - Analysis in SK-BR-3 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-NFKB1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



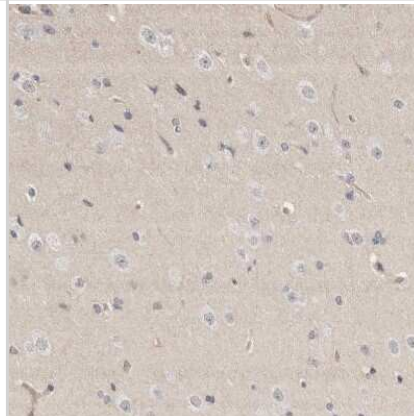
Immunocytochemistry/Immunofluorescence: NFkB p105/p50 Antibody [NBP1-87758] - Staining of human cell line A-431 shows localization to nucleoplasm & cytosol. Antibody staining is shown in green.



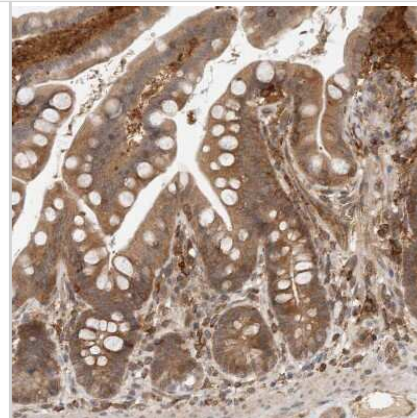
Western Blot: NFkB p105/p50 Antibody [NBP1-87758] - Analysis in human cell line Daudi.



Immunohistochemistry-Paraffin: NFkB p105/p50 Antibody [NBP1-87758] - Staining of human cerebral cortex shows no positivity in neurons as expected.



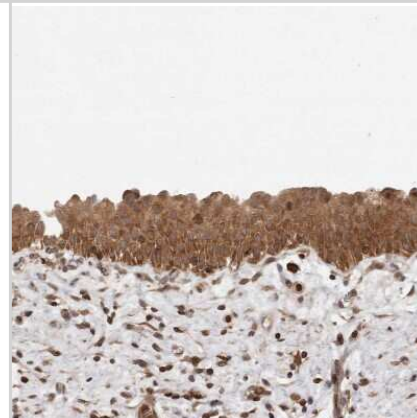
Immunohistochemistry-Paraffin: NFkB p105/p50 Antibody [NBP1-87758]
 - Staining of human colon shows moderate cytoplasmic positivity in glandular and lymphoid cells.



Immunohistochemistry-Paraffin: NFkB p105/p50 Antibody [NBP1-87758]
 - Staining of human lymph node shows strong cytoplasmic positivity in germinal- and non-germinal center cells.



Immunohistochemistry-Paraffin: NFkB p105/p50 Antibody [NBP1-87758]
 - Staining of human urinary bladder shows strong cytoplasmic positivity in urothelial cells.



Publications

Marwarha G, Slagsvold KH, Høydal MA NF- κ B Transcriptional Activity Indispensably Mediates Hypoxia-Reoxygenation Stress-Induced microRNA-210 Expression International journal of molecular sciences 2023-04-01 [PMID: 37047592] (ELISA)

Sikorski K, Mehta A et al. A high-throughput pipeline for validation of antibodies. Nat Methods 2018-01-11 [PMID: 30377371] (Human)

Details:

Antibody validation based on denaturing gel electrophoresis of biotinylated cell lysates (PAGE) followed by mass spectrometry (MS) and antibody array analysis (MAP).



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Products Related to NBP1-87758

NBP1-87758PEP	NFkB p105/p50 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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